

REMARKS

This amendment is made to place the claims in conformance with U.S. patent practice. This amendment is not in derogation of any prior art, and Applicant respectfully asserts that it is entitled to the claims as amended and any equivalents thereof. A new Abstract page is included herewith.

Respectfully submitted,

By _____
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s:/sr/rjh0095

VERSION MARKED TO SHOW CHANGES

IN THE SPECIFICATION:

Please amend the Title on page 1 and the Abstract page as follows:

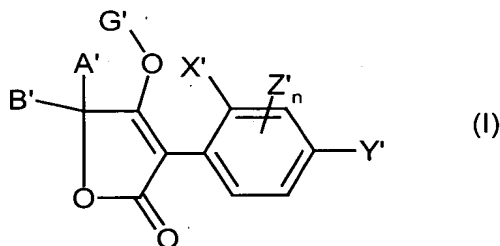
--ACTIVE COMPOUND INGREDIENT COMBINATIONS HAVING INSECTICIDAL AND ACARICIDAL PROPERTIES--.

A new Abstract page is included herewith.

IN THE CLAIMS:

Please cancel Claim 5, and amend the claims as follows.

1. (Once Amended) A Composition, comprising a synergistically effective mixture of:
a) a cyclic ketoenol compounds of the fFormula (I)



in which

X' represents C₁-C₆-alkyl, halogen, C₁-C₆-alkoxy or C₁-C₃-halogenoalkyl,

Y' represents hydrogen, C₁-C₆-alkyl, halogen, C₁-C₆-alkoxy, C₁-C₃-halogenoalkyl,

Z' represents C₁-C₆-alkyl, halogen, C₁-C₆-alkoxy,

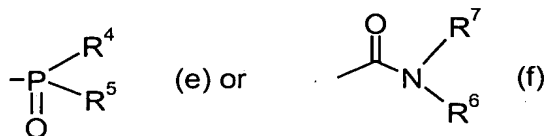
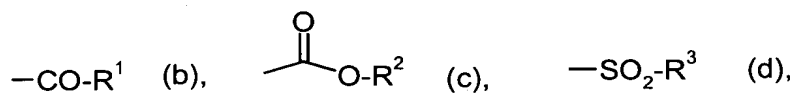
n represents a number from 0 to 3,

A' and B' are identical or different and each represents hydrogen or in each case optionally halogen-substituted straight-chain or branched C₁-C₁₂-alkyl, C₃-C₈-alkenyl, C₃-C₈-alkinyl, C₁-C₁₀-alkoxy-C₂-C₈-alkyl, C₁-C₈-polyalkoxy-C₂-C₈-alkyl, C₁-C₁₀-alkylthio-C₂-C₈-alkyl, cycloalkyl having 3-8 ring atoms which may be interrupted by oxygen and/or sulphur and in each case optionally halogen-, C₁-C₆-alkyl-, C₁-C₆-halogenoalkyl-, C₁-C₆-alkoxy-, C₁-C₆-halogenoalkoxy- and/or nitro-substituted phenyl or phenyl-C₁-C₆-alkyl,

or in which

A' and B' together with the carbon atom to which they are attached form a saturated or unsaturated 3- to 8-membered ring which is optionally interrupted by oxygen and/or sulphur and is optionally substituted by halogen, C₁-C₆-alkyl, C₁-C₆-alkoxy, C₁-C₄-halogenoalkyl, C₁-C₄-halogenoalkoxy, C₁-C₄-alkylthio or optionally substituted phenyl or is optionally benzo-fused,

G' represents hydrogen (a) or represents the groups



in which

R¹ represents in each case optionally halogen-substituted C₁-C₂₀-alkyl, C₂-C₂₀-alkenyl, C₁-C₈-alkoxy-C₂-C₈-alkyl, C₁-C₈-alkylthio-C₂-C₈-alkyl, C₁-C₈-polyalkoxy-C₂-C₈-alkyl or cycloalkyl having 3-8 ring members which may be interrupted by oxygen and/or sulphur atoms, represents optionally halogen-, nitro-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₆-halogenoalkyl- and/or C₁-C₆-halogenoalkoxy-substituted phenyl;

represents optionally halogen-, C₁-C₆-alkyl-, C₁-C₆-alkoxy-, C₁-C₆-halogenoalkyl- and/or C₁-C₆-halogenoalkoxy-substituted phenyl-C₁-C₆-alkyl,

represents in each case optionally halogen- and/or C₁-C₆-alkyl-substituted pyridyl, pyrimidyl, thiazolyl and pyrazolyl,

or represents optionally halogen- and/or C₁-C₆-alkyl-substituted phenoxy-C₁-C₆-alkyl,

R² represents in each case optionally halogen-substituted C₁-C₂₀-alkyl, C₂-C₂₀-alkenyl, C₁-C₈-alkoxy-C₂-C₈-alkyl, C₁-C₈-polyalkoxy-C₂-C₈-alkyl,

represents in each case optionally halogen-, nitro-, C₁-C₆-alkyl, C₁-C₆-alkoxy- and/or C₁-C₆-halogenoalkyl-substituted phenyl or benzyl,

R³, R⁴ and R⁵ independently of one another each represent in each case optionally halogen-substituted C₁-C₈-alkyl, C₁-C₈-alkoxy, C₁-C₈-alkylamino, di-(C₁-C₈)-alkylamino, C₁-C₈-alkylthio, C₂-C₅-alkenylthio,

C₂-C₅-alkynylthio, C₃-C₇-cycloalkylthio, represent in each case optionally halogen-, nitro-, cyano-, C₁-C₄-alkoxy-, C₁-C₄-halogenoalkoxy-, C₁-C₄-alkylthio-, C₁-C₄-halogenoalkylthio-, C₁-C₄-alkyl- and/or C₁-C₄-halogenoalkyl-substituted phenyl, phenoxy or phenylthio,

R⁶ and R⁷ independently of one another each represent in each case optionally halogen-substituted C₁-C₂₀-alkyl, C₁-C₂₀-alkoxy, C₂-C₈-alkenyl, C₁-C₂₀-alkoxy-C₁-C₂₀-alkyl, represent optionally halogen-, C₁-C₂₀-halogenoalkyl-, C₁-C₂₀-alkyl- or C₁-C₂₀-alkoxy-substituted phenyl, represent optionally halogen-, C₁-C₂₀-alkyl-, C₁-C₂₀-halogenoalkyl- or C₁-C₂₀-alkoxy-substituted benzyl or together represent a C₂-C₆-alkylene ring which is optionally interrupted by oxygen, and

b) and at least one a member selected from the group consisting of one or more agonists of nicotinic acetylcholine receptors, or and one or more antagonists of nicotinic acetylcholine receptors.

2. (Once Amended) The Composition, ~~comprising a synergistically effective mixture of compounds of the formula (I)~~ according to Claim 1,

in which

X' represents C₁-C₄-alkyl, halogen, C₁-C₄-alkoxy or C₁-C₂-halogenoalkyl,

Y' represents hydrogen, C₁-C₄-alkyl, halogen, C₁-C₄-alkoxy, C₁-C₂-halogenoalkyl,

Z' represents C₁-C₄-alkyl, halogen, C₁-C₄-alkoxy,

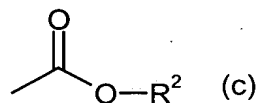
n represents 0 or 1,

A' and B' together with the carbon atom to which they are attached form a saturated 5- to 6-membered ring which is optionally substituted by C₁-C₄-alkyl and/or C₁-C₄-alkoxy,

G' represents hydrogen (a) or represents the groups



(b)



(c)

in which

R¹ represents in each case optionally halogen-substituted C₁-C₁₆-alkyl, C₂-C₁₆-alkenyl, C₁-C₆-alkoxy-C₂-C₆-alkyl or cycloalkyl having 3-7 ring atoms which may be interrupted by 1 to 2 oxygen and/or sulphur atoms,

represents optionally halogen-, nitro-, C₁-C₄-alkyl-, C₁-C₄-alkoxy-, C₁-C₃-halogenoalkyl- and/or C₁-C₃-halogenoalkoxy-substituted phenyl;

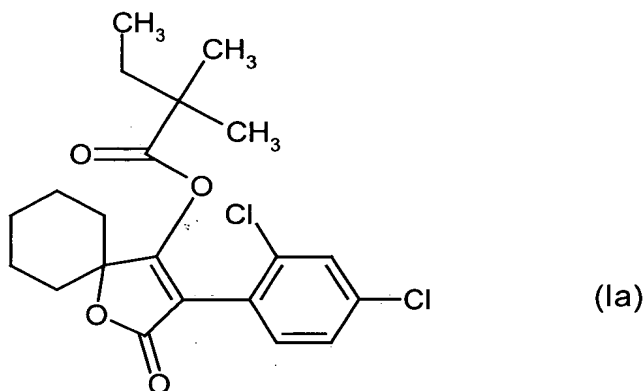
R² represents in each case optionally halogen-substituted C₁-C₁₆-alkyl, C₂-C₁₆-alkenyl or C₁-C₆-alkoxy-C₂-C₆-alkyl,

represents in each optionally halogen-, nitro-, C₁-C₄-alkyl-, C₁-C₄-alkoxy- and/or C₁-C₄-halogenoalkyl-substituted phenyl or benzyl;

~~and at least one agonist or antagonist of nicotinic acetylcholine receptors.~~

3. (Once Amended) A Composition, comprising a synergistically effective mixture of:

a) thea cyclic ketoenol compound of the fFormula (Ia)

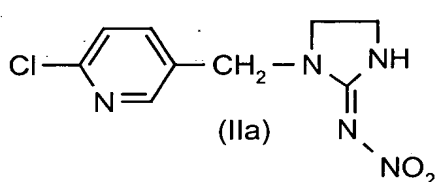


and

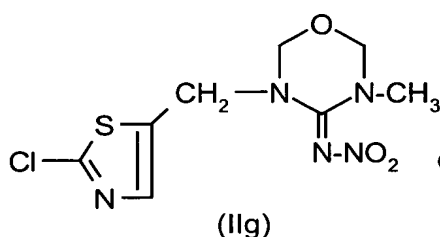
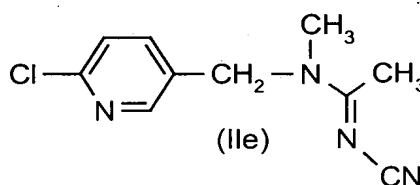
b) at least onea member selected from the group consisting of one or more agonists of nicotinic acetylcholine receptors or and one or more antagonists of nicotinic acetylcholine receptors.

4. (Once Amended) A Composition according to any one of Claims 1, 2 andor 3, comprising compounds of the formula (I) wherein said cyclic ketoenol compound and theeither said agonist or said antagonist of nicotinic acetylcholine receptors, respectively, are present in a ratio of from 1:100 to 100:1.
6. (Once Amended) A Mmethod for controlling animal pests selected from the group consisting of insects, arachnids, nematodes and combinations thereof comprising the step of applying the composition of any one of claims 1, 2, 3 or 4 to a member selected from the group consisting of a habitat of said animal pests, said animal pests and combinations thereof. , characterized in that mixtures as defined in any of Claims 1, 2 and 3 are allowed to act on animal pests and/or their habitat.

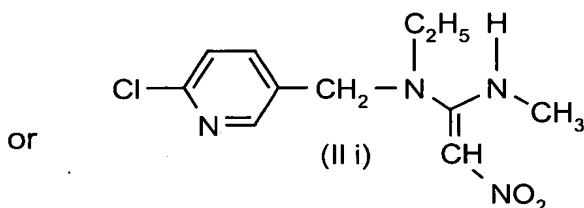
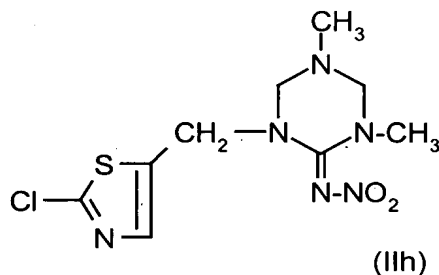
7. (Once Amended) A Process for preparing a pesticides, characterized in that comprising the step of mixing:
- a) the composition synergistically effective amount comprising compounds of the formula (I) according to any one of Claims 1, 2, and 3 or 4; and at least one agonist or antagonist of nicotinic acetylcholine receptors is mixed with
- b) a member selected from the group consisting of an extender, s and/or a surfactant, sand combinations thereof.
8. (Once Amended) Mixtures The composition according to any one of Claims 1, 2, 3 and or 4, comprising at least one of the following compounds wherein said agonist of nicotinic acetylcholine receptors or said antagonist of nicotinic acetylcholine receptors is selected from the group consisting of compounds of the formula:

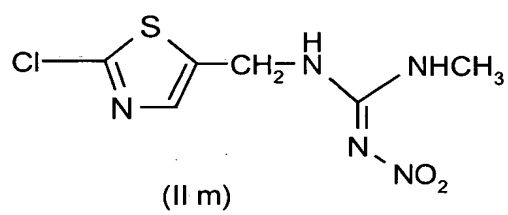
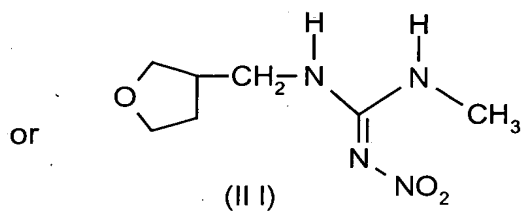
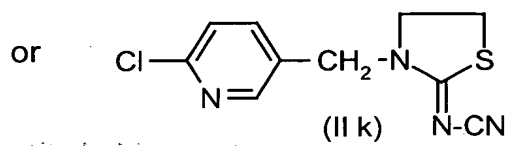


or



or





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ACTIVE INGREDIENT COMBINATIONS HAVING INSECTICIDAL
AND ACARICIDAL PROPERTIES

ABSTRACT

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The invention relates to insecticidal and acaricidal mixtures comprising certain cyclic ketoenols and agonists or antagonists of nicotinic acetylcholine receptors for protecting plants against attack by pests.

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